

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Final Office Action dated February 24, 2004 has been received and its contents carefully reviewed.

Claims 1-17 are pending in the current application. Claims 18-33 are withdrawn.

In the Office Action, claims 1-4, 6-8, and 12-17 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Applicants' Figures 1-2E and the description on pages 2-4 of Applicants' specification (hereinafter "ARA") in view of AGFA "PEDOT Coating Solutions and Screen Printing Pastes Product" (hereinafter "AGFA"). Claims 5 and 9-11 are rejected under 35 U.S.C. § 103(a) as being unpatentable over the Related Art in view of AGFA and further in view of U.S. Patent 6,038,008 to Kim et al. (hereinafter "Kim").

The rejection of claims 1-17 is respectfully traversed and reconsideration is requested. Independent claim 1 is allowable over the cited references in that this claim recites a combination of elements including, for example, "a plurality of organic pixel electrodes on the first substrate". Independent claim 13 is allowable over the cited references in that this claim recites a combination of elements including, for example, "the organic pixel electrode connects to the thin film transistor through the contact hole".

None of the cited references, considered separately or in combination teaches, discloses or suggests at least this features of the claims. For example, AGFA discusses using the PEDOT screen printing paste "in applications as: reverse buildup E.L. lamps, E.L. lamp pattern with small light emitting areas, transparent electrodes for thin film E.L., transparent conductive lines and paths in displays and electronic circuits." AGFA discusses the use of PEDOT in the context of electroluminescent ("E.L.") lamps only. AGFA does not suggest at all that PEDOT is

suitable for use in liquid crystal displays such as those of the present application. Liquid crystal displays are not electro-luminescent devices such as those discussed in AGFA

The Examiner seeks to combine AGFA which relates to electroluminescent lamps with the ARA relating to liquid crystal devices which are not electroluminescent. The Examiner's sole support for this argument is the phrase in AGFA "transparent conductive lines and paths in displays and electronic circuits."

The Examiner has taken this phrase wholly out of context. The AGFA reference discusses electroluminescent applications. In particular, the passage of AGFA surrounding the statement quoted by the Examiner makes it clear that the "transparent lines and paths" it discusses are those found in electroluminescent devices.


Because the structure, manufacture, and application of electroluminescent devices discussed in the AGFA reference are substantially different and are wholly incompatible with that of liquid crystal displays, one of ordinary skill in the art at the time of the invention would not have been motivated to combine the references in the manner alleged by the Examiner.

Accordingly, Applicants submit that claims 1 and 13, and claims 2-12 and 14-17 which depend from claims 1 and 13, respectively, are allowable over the cited references. Applicants believe the foregoing remarks place the application in condition for allowance and early, favorable action is hereby solicited. If the Examiner deems that a telephone conversation would further the prosecution of this application, the Examiner is invited to call the undersigned at (202) 496-7500.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: May 24, 2004.

Respectfully submitted,

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